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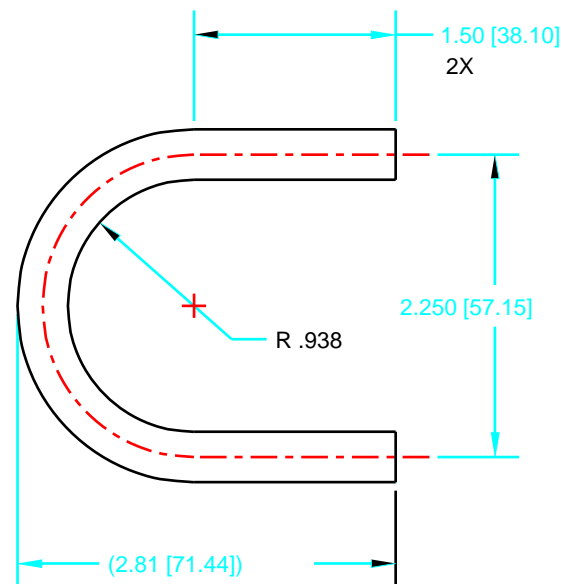
PLOT SCALE: 1=1

DWG. SCALE: 1

1

## NOTE:

1. HIGH QUALITY FULLY ANNEALED SEAMLESS TYPE 316, AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A213, A269, A632 OR EQUIVALENT. HARDNESS Rb80 OR LESS. TUBING TO BE FREE OF SCRATCHES. O.D. TOLERANCE NOT TO EXCEED  $-.003$ .
2. USE PROPER TUBE BENDER TO BEND THE TUBE. KEEP THE TUBE ENDS STRAIGHT AND PROPER ROUNDNESS WITHOUT SCRATCH.
3. BOTH I.D. AND O.D. OF TUBES SHOULD BE DEBURRED AFTER CUTTING.
4. ALL DIMENSIONS WITH [ ] ARE MILLIMETERS.



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES <b>TOLERANCES</b> DECIMALS      ANGULAR .X - .015      - .25 .XX - .010 .XXX - .005  SURFACE ROUGHNESS      125 ✓  REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.  SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1  DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		LOG NUMBER <b>A11941</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
DRAWN BY <b>R.K.</b>	DATE <b>3/93</b>	GP LEADER <b>D. SHU</b>	DATE <b>4/6/93</b>	<b>ADVANCED PHOTON SOURCE</b>  <b>M3 BM FRONT END FIRST FIXED MASK COOLING TUBE</b>
CHECKED BY <b>J. CHANG</b>	DATE <b>4/6/93</b>	PROJECT MGR <b>T.M. KUZAY</b>	DATE <b>4/6/93</b>	
DESIGNER <b>R.K.</b>	DATE <b>3/93</b>	APPROVED/RELEASED		
RESPONSIBLE ENGINEER <b>J. CHANG</b>	DATE <b>4/6/93</b>			
MATERIAL <b>SST 316 .375 OD x .035 WALL x 6.53 LG.</b>		SCALE <b>1:1</b>	SIZE <b>B</b>	DRAWING NUMBER <b>P4102020101-210001-01</b>
DO NOT SCALE DRAWING		SHEET <b>1 of 1</b>		

1 ADD NOTE

RK

J.C.

7/2/93

SYM

CHANGE DESCRIPTION

BY

CHKD

DATE

REVISIONS